

ABSTRACT OF THE DISCLOSURE

Disclosed is an integrated speech synthesizer with an
5 automatic identification of speaker connections and identification
method used thereof. The speech synthesizer comprises a sound
encode register to store encoded digitized sound data, a first speech
synthesis unit connected to the sound encode register to convert the
digitized sound data from the sound encode register to a first analog
10 signal and send out the first analog signal from a first output
terminal, a second speech synthesis unit connected to the sound
encode register to convert the digitized sound data from the first
output terminal to a second analog signal and send out the second
analog signal from the first output terminal and a second output
15 terminal, and a state register connected to the first output terminal
to store the state of the first output terminal before the speech
synthesizer is enabled, wherein the state stored in the state register
is used to set up the initial value and other related setting for the
speech synthesizer.